

Title (en)

METHODS FOR IDENTIFYING ANTIBODIES AND PEPTIDES USEFUL IN THE TREATMENT OF SEPTIC SHOCK AND EXPERIMENTAL ARTHRITIS AND USES THEREOF

Title (de)

VERFAHREN ZUR IDENTIFIZIERUNG VON ANTIKÖRPERN UND PEPTIDEN FÜR DIE BEHANDLUNG VON SEPTISCHEN SCHOCK UND EXPERIMENTELLER ARTHRITIS UND VERWENDUNGEN

Title (fr)

PROCEDES D'IDENTIFICATION D'ANTICORPS ET DE PEPTIDES UTILES DANS LE TRAITEMENT DU CHOC SEPTIQUE ET DE L'ARTHRITE EXPERIMENTALE; UTILISATION DE CES DERNIERS

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Application

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Abstract (en)

[origin: WO9857657A1] The present invention teaches the use of antibodies raised against the Group A mucopeptide for the treatment of septic shock and Rheumatoid Arthritis, and the identification of specific peptides that can be used in such treatments. The invention includes methods of using the antibodies raised against the Group A mucopeptide including as a means identifying specific peptides, the specific peptides themselves, and methods of using the peptides. In certain embodiments, the specific peptides serve as mimics to these antibodies. Such peptides can be administered to an animal subject to block the microbial action that initiates Rheumatoid Arthritis via tumor necrosis factor. Alternatively, specific peptides of the present invention can be used to immunize Rheumatoid Arthritis-susceptible individuals to prevent further progression of the diseases. In still other embodiments, the peptides serve as binding partners for these antibodies.

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